

Datasheet for ABIN7539854
anti-PPARGC1B antibody (AA 195-414)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PPARGC1B
Binding Specificity:	AA 195-414
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPARGC1B antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	PPARGC1B Antibody
Immunogen:	Purified recombinant fragment of human PPARGC1B (AA: 195-414) expressed in E. Coli.
Clone:	1C1C2
Isotype:	IgG2a
Purification:	Purified antibody

Target Details

Target:	PPARGC1B
Alternative Name:	PPARGC1B (PPARGC1B Products)
Background:	Description: The protein encoded by this gene stimulates the activity of several transcription

Target Details

factors and nuclear receptors, including estrogen receptor alpha, nuclear respiratory factor 1, and glucocorticoid receptor. The encoded protein may be involved in fat oxidation, non-oxidative glucose metabolism, and the regulation of energy expenditure. This protein is downregulated in prediabetic and type 2 diabetes mellitus patients. Certain allelic variations in this gene increase the risk of the development of obesity. Three transcript variants encoding different isoforms have been found for this gene.

Aliases: PERC, ERRL1, PGC1B, PGC-1(beta)

Molecular Weight: 113.2 kDa

Gene ID: 133522

UniProt: [Q86YN6](#)

Pathways: [AMPK Signaling](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: ELISA: 1/10000

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.